SBR No: 135/14-15
31/07/2014

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. 1st and final Bill

Name of Work Construction of Cement Concrete Road at Thindly village in W-09 From To 249004

Name of Contractor of nature of Agency C-I: Somashekhar of Vidyaranyapura Sub-Div

Date of commencement of work D.O. Recording : 30-07-2014

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estimated Cost Rs	15.00 Lakh.		DOB. No.		009-14-000004	
	Work order. No.	EE/BTP/BBMP/E-PMT/19/2014-15 Dt 06/06/2014					
	Modified Workorder Amount.	14,86,579.00					
(1)	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2m and an average lift upto 0.50m, excavated surface levelled and sides neatly dressed, the disposed Earth to be levelled						

BOOK

Depth 6	Contents 7	Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	
	neatly after breaking clods etc complete as per specifs						
	Qty vide this MB. p no 249001						
	It no. (1) 2					169.45 m³ @ 90.45/m³	15286.00
2)	Providing and laying in position plain cement concrete of mix M 7.5 with opc cement @ 180 kgs using 40mm nominal down size graded granite metal, course aggregate @ 0.85 m³ and fine aggregate @ 0.58 m³ machine mixed, concrete laid in layers not exceeding 150mm thick well compacted in foundations and plinths, including cost of all materials (cbm), Hiring machinery, curing etc complete as per specifications.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
3)	Providing and fixing 20m in expansion joint complete specifications etc complete of Engineer-in-charge of	3

epth 6	Contents 7	Reference to last Measurement 8
... perspects		
B.P No 249001		
69.00 m³ @ 90.45/m³		15286.00
... work of RCC		
... round down		
@ 0.85 m³ of		
... Concrete land		
... well compacted		
... all materials		
... mplete as per		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249005

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
			Qty as per this MB p. 249002				
			H as no. (2) = 126.75 m³				Rs.
						@ 4300/m³	545025.00
3)	Providing and fixing 20mm thick Compressible fibre board in expansion joint complete as per drawing and technical specifications etc complete as per specifications, and directions of Engineer-in-charge of Work.						
		3	4.90	-	-	14.70 m	
		2	5.70	-	-	11.40 m	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		3	4.65	–	–	13.95	
		3	4.20	–	–	12.60	
		3	6.40	–	–	19.20	
		2	5.70	–	–	11.40	
		2	6.00	–	–	12.00	
		3	5.70	–	–	17.10	
		3	5.30	–	–	15.90	
						128.25 cu.m	
				Ltd to Sch. qty = 125.00 cu.m			
					@ 136.75/cu.m		17094.00
A)	Providing and laying in position plain cement concrete 300 kg/cu.m with 20mm and down size graded granite metal coarse aggregate @ 0.64 cu.m and fine aggregate						

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	@ 0.43 cu.m with superplastic	
	IS-9103-1999 reaffirmed -	
	laid in layers not exceed	
	ele as per specifications	
5)	vaccum dewatering with vacc	
	Compaction with skin floate	
	including costing generator	

Contents 7	Reference to last Measurement 8
13.95	
12.60	
19.20	
11.40	
12.00	
17.10	
15.90	
128.25 sq	
qty = 125.00 sq	
@ 136.75/sq	17094.00
M.20 with	
rected granite	
aggregate	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

249006

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	@ 0.43 sq.m With superplasticiser @ 3 ltr Confirming to IS-9103-1999 reaffirmed-2008, machine mixed concrete laid in layers not exceeds 15cm. three well compacted etc complete as per specifications						
	Item not executed.						
5)	Vaccum dewatering with vaccum pump and suction mat and Compaction with skim floater clubbed with floating disc including costing generator Hiring of machinery screened						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vibratory power floater blade and disc etc complete as per specifications and directions of Engineer-In-charge of the work.						
	thindu-kollegal-Road	1	30.00	$\frac{4.9+6.4+5.7}{3}$		= 170.00	
		1	30.00	$\frac{5.7+4.7}{2}$		= 156.00	
		1	19.60	$\frac{4.7+6.9}{2}$		= 113.68	
		1	6.20	$\frac{4.3+6.4}{2}$		= 33.17	
		1	30.00	$\frac{4.8+6.0+5.8}{3}$		= 164.00	
		1	12.80	$\frac{5.8+5.7}{2}$		= 73.13	
	Cross-Road	1	14.50	$\frac{4.1+4.4+4.2}{3}$		62.83	

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	Passage-1	1
	Passage-2	
b)	Lead for disposal of de	
	Carriage rates by - mecha	

K

	Contents	Reference to last Measurement
epth 6	7	8
mplete as In charge of		
+5.7	= 170.00 m³	
	= 156.00	
	= 113.68	
	= 33.17	
.0+5.8	= 164.40	
5.7	= 73.63	
.4+4.5	62.83	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249007

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Passage - 1	1	17.30	$\frac{1.20+1.20}{2}$		= 20.764 m²	
	Passage - 2	1	14.30	$\frac{4.2+2.6}{2}$		= 48.62	
		1	1.50	2.00		= 3.00	
						845.664 m²	
			Ltd to sch. qty			845.00 m²	
						@ 91.52 /m²	77334.00
6)	Lead for disposal of debris shall be payable as carriage rates by mechanical means including loading						

Assistant Executive Engineer
Polonnaruwa Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and unloading etc complete as per specifn.						
						Qty as per Est no. (1) = 169.00 m³	
						@ 72.71/- m³	122
7)	Providing and laying cement concrete using 20mm and down size granite Jelly of ready mixed concrete (RMC) for RCC works laid in 15cm thick layers and well compacted, vibrating, curing, finishing with necessary CM, form works and scaffolding to withstand pumping of concrete with mobile lead and lift etc complete. RMC M-20 (1:1.5:3) for Raft foundation, column footing, main and secondary beams etc						

M. A
Me

Serial No. .....
Name of Work ..... Fron
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Complete as per specifn/Catar	
	In-charge of Work.	1
	Main-Road thindlyvilly	1
		1
		1
		1

	Contents	Reference to last Measurement
	7	8
	(1) = 169.00 m³	122
	@ 72.71/m³	
	...nm and	
	...ncrete (RMC)	
	...ell compacted.	
	...fmn works	
	...rete Wimout	
	...:3) for Raft	
	...y beams etc	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249008

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete as per specification and directions of Engineer-In-charge of Work.						
	Main Road thindlu Village	1	30.00	$\frac{4.9+6.4+5.7}{3}$	×0.15	= 25.50 m³	
		1	30.00	$\frac{5.7+4.7}{2}$	0.15	23.40	
		1	19.60	$\frac{4.7+6.9}{2}$	0.15	17.00	
		1	6.20	$\frac{4.3+6.4}{2}$	0.15	4.98	
		1	30.00	$\frac{4.6+6.0+5.8}{3}$	×0.15	= 24.60	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	12.80	$\frac{5.8+5.7}{2}$	0.15	= 11.04 m³	
		1	14.50	$\frac{4.1+4.4+4.8}{3}$	0.15	= 9.43	
		1	17.30	1.20	0.15	3.11	
		1	14.30	$\frac{4.2+2.6}{2}$	0.15	7.29	
		1	1.50	2.00	0.15	0.45	
					Total	126.88 m³	
					Less as sch. qty	126.75 m³	
					@	6464.88/m³	
						Total. Rs	14,86,451.00

C & FC

Certificate

1) Certified that the contractor has done satisfactorily and no materials issued dept.

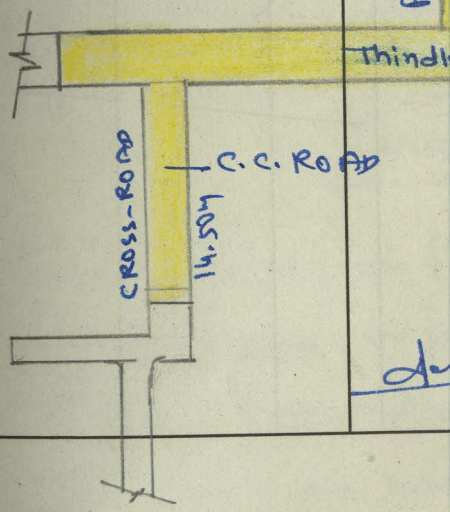
2) The Contractor has Removed the debris

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore-97

M. A
Me

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

ಒಟ್ಟು ಮೊಬಲಗು ರೂ 14864.50=00

ಗಣಕೀಕೃತ ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 193277=00

ಮುಂದಾಗಿ ಮಾಡಬೇಕಾದ ಉಳಿದ ಮೊಬಲಗು

ರೂ 1293173=00

ಈ ಮಾಪನವನ್ನು ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧಿಕ್ಷಕರು

ಬಾಪೂಜಿನಗರ ಉಪವಿಭಾಗ

ಬೃ. ಬೆ. ಮ. ಪಾ

Htv. 4 Mt.

30/12

		ET	14865				
		WT	59458				
		~~ESD~~	89187				
		Cur	14865				
		Cess	1487				
		Roy	13415				
		TOTAL	193277=00				

Dr. No ..... Date .....

Chq No ..... Date .....

Amount Rs .....

Acct Supdt
B I Purn Div
BBMP

Engineer
Jra Division
BBMP.

BR-188/31-7-14

Commission BB

M. A

Me

Serial No. .....

Name of Work ..... Procuring Shami

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	Supply order 2	1 Da EE 4 Da
	(1) providg shamiyana on hire basis, an (2) providg shamiyana shamiyana on hi	